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(54) **SYSTEMS, METHODS AND APPARATUS FOR VEHICLES BATTERY CHARGING**

(71) Applicant: **DEKA Products Limited Partnership**, Manchester, NH (US)

(72) Inventors: **Dean Kamen**, Bedford, NH (US); **Richard K. Heinzmann**, Francestown, NH (US); **Jason M. Sachs**, Chandler, AZ (US)

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(57) **ABSTRACT**

A system for charging a battery within an at least partially electric vehicle. The system includes a charging device wherein the charging device configured to electrically connect to the at least partially electric vehicle and charge at least one battery by a predetermined amount. The system also includes a network configured to determine the location of the charging device.